

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	((airbag air\$bag) near2 circuit) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:16
L2	65	((airbag air\$bag) near3 circuit) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:17
L3	132	307/10.1.ccls. and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:20
L4	44	307/9.1.ccls. and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:21
L5	8	307/82.ccls. and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:23
L6	0	307/56.ccls. and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:23
L7	1	307/58.ccls. and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:23

## EAST Search History

L8	0	(step\$down adj (regulator converter)) same capacitor same (backup back\$up) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:24
L9	7	(regulator converter) same capacitor same (backup back\$up) and vehicle and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:26
L10	0	series adj parallel same converter same capacitor same vehicle and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:26
L11	89	series adj parallel same converter and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:27
L12	0	((series near2 converter) same parallel same (parallel near2 converter)) same capacitor same vehicle and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:28
L13	9	(307/9.1,10.1).ccls. and (converter same capacitor same (battery source supply)) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:29
L14	18	airbag and (converter same capacitor same (battery source supply)) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:32

## EAST Search History

L15	19	(airbag air\$bag (air adj bag)) and (converter same capacitor same (battery source supply)) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:32
L16	7	(squib and (converter same capacitor same (battery source supply))) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:33
L17	11	(squib and ((converter regulator) same capacitor same (battery source supply))) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:34
L18	548	((airbag air\$bag protection) and ((converter regulator) same capacitor same (battery source supply))) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:35
L19	3	((airbag air\$bag protection) and ((converter regulator) same ((reserve adj capacitor) or erc) same (battery source supply))) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:36
L20	117	((energy adj reserve adj capacitor) or erc) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:37
L21	86	vehicle and high\$voltage and low\$voltage and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:37

## EAST Search History

L22	0	vehicle same high\$voltage same (reserve adj capacitor) same (converter regulator) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38
L23	3	vehicle same high\$voltage same capacitor same (converter regulator) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38
L24	224	((step adj down) or step-down or buck) adj converter) and ((dc dc-dc) adj converter) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:39
L25	1	((step adj down) or step-down or buck) adj converter) and ((dc dc-dc) adj converter) and ((capacitor capacitance condenser accumulator) with (back-up backup reserve)) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:39
L26	3	((step adj down) or step-down or buck) adj converter) and ((dc dc-dc) adj converter) and ((back-up backup reserve) with (battery storage store)) and @pd>="20060131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:40
L27	34	(dc near2 (source supply)) with diode with converter and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:43
L28	22	(dc near2 (source supply)) with diode with ((dc dc-dc) adj converter) and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:44

## EAST Search History

L29	2	(linear and (dc dc-dc "dc/dc") and (regulator converter)).ti. and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:44
L30	0	(linear and (dc dc-dc "dc/dc") and (regulator converter)).ti. and (buck or (step-down ((step stepped stepping) adj down))) and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:45
L31	22	(linear with (dc dc-dc "dc/dc") with (regulator converter)) same (buck or (step-down ((step stepped stepping) adj down))) and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:46
L32	97	(switching with (dc dc-dc "dc/dc") with (regulator converter)) same (buck or (step-down ((step stepped stepping) adj down))) and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:46
L33	4	((switching and (dc dc-dc "dc/dc") and (regulator converter)) and (buck or step-down or ((step stepped steps stepping) adj down))).ti. and @pd>="20060511"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:47
S1	2	("5554890" "5046149").pn.	US-PGPUB; USPAT	OR	ON	2006/09/25 10:14
S87	3	"502211".ap.	US-PGPUB; USPAT	OR	ON	2006/09/22 11:59
S88	2	"19845569".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:00

## EAST Search History

S89	0	((inductorless adj converter).ti. and ((dc dc-dc) adj converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:00
S90	1	((inductorless adj converter) and ((dc dc-dc) adj converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:01
S91	23914	((dc dc-dc) adj converter) and (not (inductor inductance transformer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:39
S92	209	(((dc dc-dc) adj converter) same buck) and (not (inductor inductance transformer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:40
S93	170	(((dc dc-dc) adj converter) with buck) and (not (inductor inductance transformer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:35
S94	29	((dc dc-dc) adj converter).ti. and ((buck step-down (step adj down)) adj converter) and (not (inductor inductance transformer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:37
S95	25	((dc dc-dc) adj converter).ti. and ((buck step-down (step adj down)) adj converter) and (not (inductor inductance transformer coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:44

## EAST Search History

S96	109	((step-down (step adj down)) adj regulator) and (not (inductor inductance transformer coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:44
S97	16	((step-down (step adj down)) adj regulator) and (not (inductor inductance transformer coil)) and regulator.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:58
S98	16	"323"/\$.ccls. and (not (inductor inductance coil transformer)) and (((step adj down) step-down buck) adj (converter regulator)) with (dc dc-dc))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S99	9	schou-frank.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S100	229	schou.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S101	980	((dc dc-dc) adj converter) and (not (inductor inductance transformer)) and (buck step-down (step adj down))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:40
S102	661	(((dc dc-dc) adj converter) same (buck step-down (step adj down))) and (not (inductor inductance transformer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:40